Head-Up Displays (HUD) Family

Advanced HUDs for fighter, transport and commercial aircraft

Elbit Systems™
ISTAR & EW

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967 HUD Series

Stroke/Raster WFOV HUDs
for fighter and light attack aircraft

Low-profile HUD

HUDs for Advanced 4.5 and 5th
generation fighter cockpit configuration

Military transport HUD

Ultra-reliable, with enhanced safety
and operational capabilities

ELH 10/12/15

Incorporating Enhanced Flight Vision System
and additional safety features

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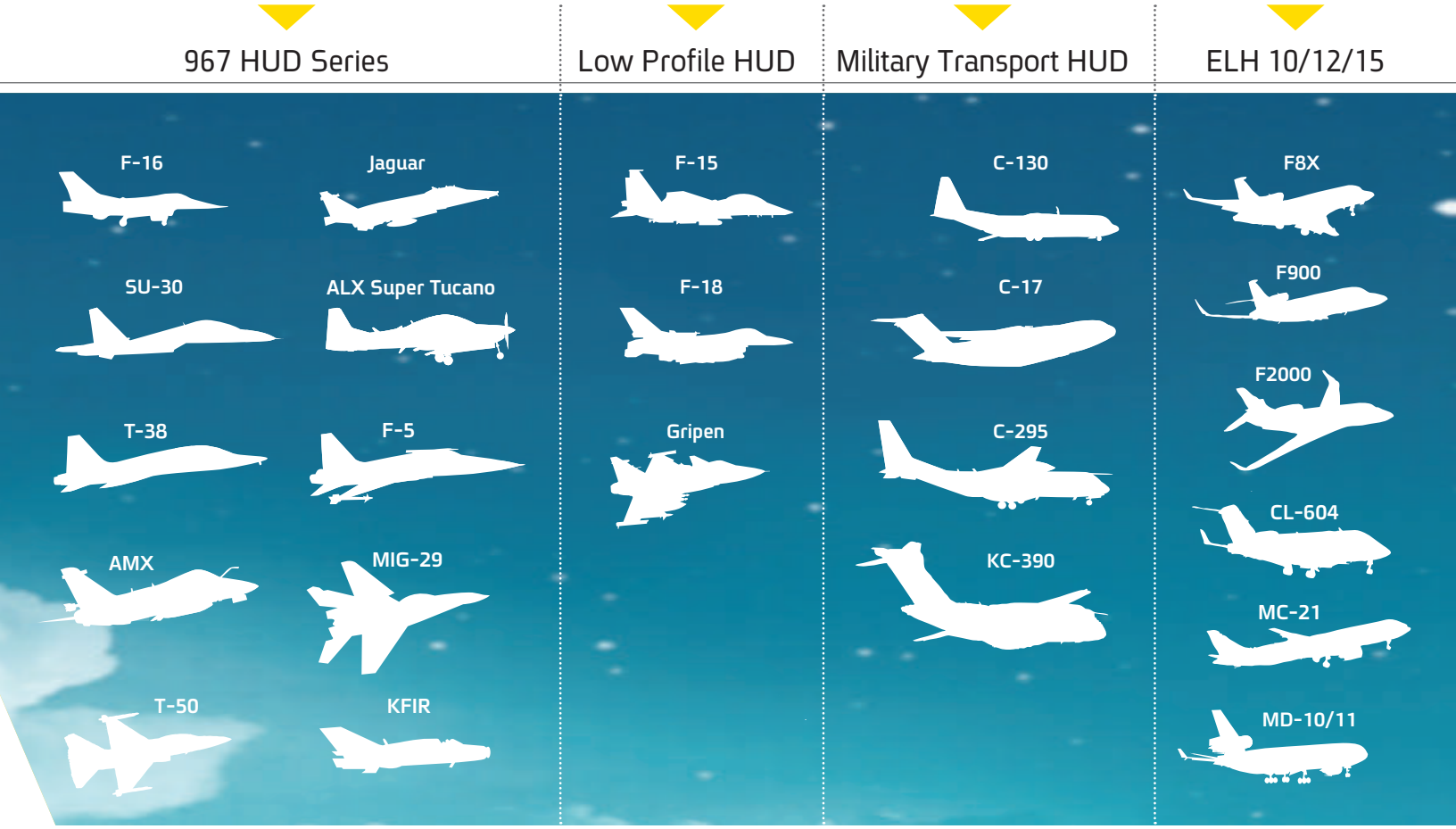
Elbit Systems HUD product portfolio



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Advanced HUDs for fighter, transport and commercial aircraft

Elbit Systems' ISTAR division designs, develops and manufactures a diverse range of high-performance head-up displays (HUDs) and HUD upgrades. Our product range includes HUDs tailored to fighter jet cockpits, cargo-transporters, commercial commuters and private business jets.

Elbit Systems' HUDs feature advanced technologies offering capabilities such as high-resolution display, enhanced video capabilities and low power consumption. The HUDs are built by Elbit Systems ISTAR Division, the prime electro-optics provider for the Israeli Defense Forces incorporating full in-house capabilities under one roof.

Decades of experience – As one of the world's leading HUD suppliers, Elbit Systems leverages decades of experience in this unique electro-optic field. More than 7,500 of our HUD systems are operational today on dozens of different platforms including large fighter and small light attack aircraft, trainers, commercial aircraft, military transport and tankers as well as high end private jets.

Supplier of choice for industry and military leaders – Elbit Systems' HUDS are the solutions of choice for many world industry and military leaders. The company's customer-base includes companies such as Lockheed Martin, Boeing, Embraer, KAI, Dassault Aviation as well as some of the world's leading air forces.

Elbit Systems was selected by the Israeli Air Force and Lockheed Martin to supply the HUDs for its most advanced F-16s; by FedEx to supply HUDs for its fleet of cargo aircraft, by Boeing to supply HUDs for the Globemaster C-17 and by Dassault Aviation for its Falcon private jet fleet.

Flight-tested, fully proven – Elbit Systems' HUDs are relied upon daily by pilots flying varied types of aircraft and missions. They have been successfully deployed by major defense forces as well as commercial and civilian users, where they are certified by the applicable civil authorities (FAA/EASA/ANAC) to the highest design assurance level as the pilots' Primary Flight Display.

Broadest product series – With the widest product range on the market, Elbit Systems is continuously developing further solutions for use in both the commercial aviation and military sectors. The fully customisable HUD systems are available in either an overhead or panel-mounted configuration, allowing installation in advanced cockpit configuration, in conjunction with a Large Area Display (LAD) using our low-profile HUD series. Elbit Systems also specializes in HUD upgrade programs, allowing its customers the benefit of increased Mean Time between Failures (MTBF), Diminishing Manufacturing Sources (DMS) and prolonged operational life, while reducing life cycle costs.

EFVS/SVS/CVS Ready – The HUDs can be offered as part of a system solution and are readily integrated with cutting-edge sensors such as an Enhanced Vision System (EVS), Synthetic Vision System (SVS) and Combined Vision System (CVS), allowing increased situational awareness, lower minima credit and increased safety for the pilot.